



Office of
**Research, Innovation
& Commercialization**



VOLUME 4, ISSUE 1

ORIC E-Newsletter

JANUARY - MARCH 2026





Table of Contents

01

Leadership Messages

02

ORIC Steering Committee

03

Research Excellence

04

Commercialization & IPs

05

Industry Academia Linkages

06

Entrepreneurship & Startups

07

Infrastructure & Core Facilities

08

Internationalization

Pro-Rector's Message

Research and innovation are central to the University of Central Punjab's mission of academic excellence and societal impact. The Office of Research, Innovation and Commercialization (ORIC) continues to play a vital role in strengthening UCP's research culture by supporting quality scholarship, industry collaboration, and innovation-driven initiatives.

Through its focused efforts, ORIC enables faculty, researchers, and students to transform ideas into impactful solutions addressing national and global challenges. I appreciate the continued dedication of the ORIC team and the UCP research community and encourage all stakeholders to actively engage in advancing a sustainable and forward-looking research ecosystem.



Dr. Hammad Naveed

Pro-Rector

University of Central Punjab

Provost's Message

A strong research and innovation ecosystem is fundamental to sustained academic excellence. At the University of Central Punjab, ORIC serves as a strategic platform supporting research development, competitive funding, consultancy, intellectual property, and commercialization activities.

By promoting interdisciplinary collaboration, entrepreneurship, and industry engagement, ORIC facilitates the transformation of scholarly work into impactful outcomes that contribute to societal and economic progress. These initiatives also reinforce ethical research practices and enhance UCP's academic standing at national and international levels.

I fully support ORIC's mission and encourage faculty members, researchers, and partners to leverage its resources as we continue to elevate the standards of excellence that define UCP.

Mr. Muhammad Yaqoob

Provost

University of Central Punjab



Director's Message

It is a pleasure to present the January–March 2026 edition of the ORIC E-Newsletter, reflecting the continued growth of research, innovation, and collaboration at the University of Central Punjab (UCP). During this period, the 24th ORIC Steering Committee Meeting provided valuable strategic direction through a comprehensive review of progress across all core pillars.



UCP demonstrated strong research excellence, marked by high-quality publications, the continued contribution of active research journals, and the submission of international grant proposals. Significant advancements were achieved in the domain of innovation and commercialization, as evidenced by intellectual property filings, examination reports, and patent submissions. The University further enhanced its national standing through inclusion in PHEC R&D Clusters on Climate Change and Minerals & Rare Earth Metals.

We are proud to have secured major NRPU grants in emerging areas such as nanotechnology and AI-driven water quality systems. In parallel, ORIC launched key initiatives including Internal Research Grants, Product Development Funds, and Student Innovation Programs to foster a vibrant research and innovation ecosystem. Industry–academia linkages were also strengthened through strategic MoUs, consultancy engagements, and collaborations with national and international partners.

These initiatives in entrepreneurship, infrastructure development, and sustainability reflect ORIC's firm commitment to impactful research and meaningful global engagement.

I extend my sincere appreciation to the entire UCP research community for their dedication, commitment, and continued contributions toward excellence.

Prof. Dr. Muhammad Akhyar Farrukh

Director ORIC & Research
University of Central Punjab

ORIC Vision & Mission

Vision

To be the catalyst of transformative research and innovation that shapes industries, empowers entrepreneurs, and delivers real-world impact

Mission

To drive UCP's research excellence through strategic partnerships, IP generation, and sustainable commercialization, fostering a future-ready ecosystem where ideas evolve into enterprises



Steering Committee Meeting:

24th ORIC Steering Committee Meeting

Held on February 25, 2026

The 24th ORIC Steering Committee Meeting at the University of Central Punjab (UCP) reviewed ORIC’s progress, achievements, and future initiatives. The meeting focused on evaluating activities conducted during January–February 2026, reviewing ongoing initiatives, and discussing upcoming programs aligned with ORIC’s strategic pillars including Research Excellence, Commercialization & IP, Industry-Academia Linkages, Entrepreneurship, Infrastructure, and Internationalization. The committee also reviewed research publications, grants, patents, collaborations, and strategic partnerships while guiding future research and innovation initiatives at UCP.

At a Glance

- Review and confirmation of minutes of the 23rd Steering Committee meeting (31 December 2025).
- Presentation of ORIC completed activities (January–February 2026).
- Discussion on ongoing ORIC initiatives and research programs.
- Updates on research publications and UCP journal progress.
- Announcement of research funding opportunities and grant calls.
- Review of patent filings and intellectual property progress.
- Updates on industry collaborations and MoUs.
- Discussion on entrepreneurship, innovation, and commercialization activities.
- Review of international seminars, conferences, and outreach activities.
- Presentation of upcoming ORIC initiatives and strategic programs.

Key Decisions & Achievements

- **Research Excellence:** Updates on UCP research publications, journal progress, and research grant opportunities.
- **Commercialization & IP:** 94 IPs filed, 58 IP examination reports received, and 39 IPs submitted to IPO.
- **Industry–Academia Linkages:** MoUs signed with industry partners including PDH Pharmaceutical, RAI Energy Solutions, Infinity Health Care, and Lahore Medical & Dental College.
- **Institutional Recognition:** UCP selected for Punjab R&D Cluster on Minerals & Rare Earth Metals and PHEC Climate Change R&D Cluster.
- **Innovation & Entrepreneurship:** Organization of hands-on innovation workshops and commercialization initiatives.
- **Internationalization:** Hosting of international seminars and conferences including the International Seminar on Smog Pollution and 2nd International Conference on Literature, Linguistics and Language.
- **Student Achievements:** FAST Excellence and Sustainability Awards announced during the 28th UCP Convocation.

Upcoming Activities

- Launch of 02nd Call for Product Development Training Courses.
- Implementation of Internal Research Grant Program (IRGP) Awards 2026.
- 02nd Call for Product Development Funds – ORIC-UCP.
- 02nd Call for FYP Student-Led Research & Innovation Fund Awards 2026.
- Continued strengthening of industry partnerships and commercialization initiatives.



University of Central Punjab



24th ORIC Steering Committee Meeting



Pillar 1: Research Excellence

Top Cited UCP Researchers

Series No.	Name	Picture	Designation/ Faculty	Citations	H-index	i10-index
1.	Dr. Muhammad Naveed		Professor/ Faculty of Science & Technology (FOST)	26651	45	144
2.	Dr. Jawad Abbas		Associate Professor/ Faculty of Management Sciences (FOMS)	9847	46	58
3.	Dr. Sumera Zaib		Professor/ Faculty of Science & Technology (FOST)	5977	43	127
4.	Dr. Ghulam Jilany Khan		Associate Professor/ Faculty of Pharmaceutical Sciences (FOPS)	4322	32	61
5.	Prof. Dr. Muhammad Akhyar Farrukh		Professor/ Director ORIC/ Research	3982	35	85
6.	Dr. Muhammad Jamshaid		Professor/ Faculty of Pharmaceutical Sciences (FOPS)	3367	33	79

7.	Dr. Muhammad Zaman		Associate Professor/ Faculty of Pharmaceutical Sciences (FOPS)	3314	28	95
8.	Dr. Saira Andleeb Gillani		Professor/ Faculty of Information Technology and Computer Science (FOIT&CS)	2977	20	27
9.	Dr. Shahid Saeed Siddiqi		Professor/ Faculty of Science & Technology (FOST)	2327	29	60
10.	Dr. Ahmad Faisal Imtiaz Siddiqi		Professor/ Faculty of Management Sciences (FOMS)	2284	19	29
11.	Dr. Sadaf Hameed		Associate Professor/ Faculty of Science & Technology (FOST)	2284	22	41
12.	Dr. Raja Irfan Sabir		Associate Professor/ Faculty of Management Sciences (FOMS)	1991	25	40
13.	Dr. Mahtab Ahmad Khan		Dean/ Professor/ Faculty of Pharmaceutical Sciences (FOPS)	1859	19	39

14.	Dr. Muhammad Riaz		Associate Professor/ Faculty of Science & Technology (FOST)	1832	20	40
15.	Prof. Dr. Aqeel Ahmad		Professor/ Faculty of Management Sciences (FOMS)	1650	20	43
16.	Dr. Muhammad Saeed Shahbaz		Associate Professor/ Faculty of Management Sciences (FOMS)	1306	19	26
17.	Dr. Muhammad Amjad Iqbal		Dean/Professor/ Faculty of Information Technology and Computer Science (FOIT&CS)	1200	16	23
18.	Dr. Hammad Naveed		Pro-Rector, University of Central Punjab	1165	20	32
19.	Dr. Ayesha Murtaza		Associate Professor/ Faculty of Science & Technology (FOST)	1161	19	26
20.	Dr. Ata Ul Musawir		Assistant Professor/ Faculty of Management Sciences (FOMS)	1126	9	9

UCP Research Publications

Faculty wise Publications (January - March 2026)

FoST	FOMS	FHSS	FoPS	FoIT&CS	FoL
24	6	5	5	4	2

Sr. No.	Faculty Member's Name	Designition	Faculty	Title	Journal	HEC Cat	Impact Factor
1	Maryam Hussain	Senior Lecturer	FHSS	Collective Efficacy as a Moderator Between Emotional Dysregulation and Mental Health Problems Among Rescue Workers	Forman Journal of Social Sciences (FJSS)	Y	0
2	Dr. Shazia Hasan	Professor	FHSS	Perceived Social Support Mental Health and Mental Illness in Never Married Women	Contemporary Journal of Social Science Review	Y	0
3	Dr. Waheed Ahmad Khan	Associate Professor	FHSS	Strengthening Regional Interdependence: The Evolution of Pakistan-Central Asia Relations	Regional Studies	Y	0
4	Dr. Arslan Tariq Rana	Associate Professor	FHSS	Human capital, energy efficiency, and CO2 emissions: a reassessment of the environmental Kuznets curve	Economic Change and Restructuring	W	4.3
5	Dr. Muhammad Ilyas Ansari	Assistant Professor	FHSS	Challenges in Implementing International Norms and Laws on Women's Rights in Pakistan	ASIAN Journal of International Peace & Security (AJIPS)	Y	0
	Dr. Waheed Ahmad Khan	Associate Professor					
6	Ashbeelah Shafaqat Ali	Lecturer	FMMC	Mapping the Intellectual Structure of Digital Stress (1981-2025): Evolution, Geography, and Future Directions	Annual Methodological Archive Research Review	Y	0
7	Dr. Saleem Akhtar	Assistant Professor	FMMC	The Intellectual Structure of Global Media Ethics Research (1974-2025): A Bibliometric and Science-Mapping Study	Journal of Media Horizons	Y	0
8	Dr. Saleem Akhtar	Assistant Professor	FMMC	Consumer's Attitude towards Online Shopping: Factors Influencing Online Shopping Decisions in Pakistan	Social Science Review Archives	Y	0
9	Ashbeelah Shafaqat Ali	Lecturer	FMMC	Mapping the Rise and Fragmentation of Digital Health: A Global Biblio Metric Analysis (1998-2025)	Pakistan Journal of Social Sciences Review (PJSSR)	Y	0
10	Ashbeelah Shafaqat Ali	Lecturer	FMMC	Charting the Global Trajectory of Women's Entrepreneurship (1975-2025): Networks, Themes, and Research Frontiers	Social Science Review Archives	Y	0
11	Dr. Ayesha Sadiqa	Assistant Professor	FMMC	Social Media Use and Family Dynamics: Understanding Body Image Perceptions Among Married Women	Pakistan Journal of Social Sciences Review (PJSSR)	Y	0
12	Dr. Fahad Anis	Assistant Professor	FMMC	Youth, AI, and Digital Literacy: Building Resilient Generations Against Climate Crises and Information Disorders	Journal of Social & Organizational Matters (JSOM)	Y	0
13	Dr. Fahad Anis	Assistant Professor	FMMC	Impact of Influencer Marketing on the Buying Behavior of Youth	Advance Social Science Archive Journal	Y	0
14	Dr. Muhammad Kamran Saleem	Associate Professor	FOE	Design and Optimization of Modular Fixture Using Finite Element Method for Cylindrical Parts	International Journal of Industrial Engineering: Theory, Applications and Practice	W	1.2
15	Dr. Sadaf Zeeshan	Assistant Professor	FOE	Design, simulation, and optimized path planning of a smart mecanum wheelchair using RRT* algorithm	Engineering Research Express	X	1.6
16	Ahmad Arsalan	Senior Lecturer	FOIT&CS	Toward Collaborative Intelligence in Digital Twin-based Federated Deep Reinforcement Learning: Applications, Case Studies and Challenges	IEEE Network	W	6.3
17	Dr. Hafiz Mahfooz ul Haque	Associate Professor	FOIT&CS	Optimizing Patient Monitoring with Reinforcement Learning Based Context-Aware Healthcare Formalism	COMPUTACION Y SISTEMAS	X	0.4
18	Dr. Hafiz Mahfooz ul Haque	Associate Professor	FOIT&CS	A Probabilistic Reasoning-based Multi-agent Formalism for Smart Environment	COMPUTACION Y SISTEMAS	X	0.4
19	Ahmad Arsalan	Senior Lecturer	FOIT&CS	Advancing named data networking: a comprehensive survey on naming and packet lookup mechanisms	PeerJ Computer Science	W	2.5
20	Dr. Ramsha Naeem	Assistant Professor	FOMS	A paradox and contextual perspective of HRM	Personnel Review	W	4.2
21	Abid Noor	Principal Lecturer	FOMS	The Double-Edged Sword of Sustainability Reporting: The Role of Board Independence	Business Strategy and the Environment	W	13.3
22	Dr. Kashif Ali	Assistant Professor	FOMS	Redefining sustainability through dual-servitization and circular economy in Industry 5.0	Total Quality Management & Business Excellence	W	4.8
23	Dr. Jawad Abbas	Associate Professor	FOMS	Nexus of knowledge-based dynamic capabilities and green cooptation: how they affect green disruptive innovation and environmental performance of entrepreneurial firms	International Entrepreneurship and Management Journal	W	3.9
24	Dr. Imran Shahzad	Assistant Professor	FOMS	Driving sustainable development in BRICS through green finance and economic growth: A quantile regression perspective	Journal of Innovation & Knowledge	W	15.5
25	Dr. Aqeel Ahmad	Professor	FOMS	Impact of Job Demands and Job Resources on Employee Digital Wellbeing in Higher Educational Institutions (HEIs) of Pakistan	Social Science Multidisciplinary Review (SSMR)	Y	0

26	Dr. Waqas Akram	Assistant Professor	FOPS	Analysis of the Therapeutic Efficiency of Vonoprazan and Eesomeprazole for Treating Gastroesophageal Reflux Disease (Gerd)	International Journal of Pharmacy and Integreted Health sciences	Y	0
27	Dr. Huma Hameed	Assistant Professor	FOPS	Polymeric β -cyclodextrin/alginate/Colocasia esculenta mucilage (β -CD/Alg/CEM) nanocomposites for the controlled delivery of 5-fluorouracil	RSC Advances	W	4.6
28	Dr. Huma Hameed	Assistant Professor	FOPS	A comprehensive review on thermo-responsive targeted and functional therapy for management of rheumatoid arthritis	Naunyn-Schmiedeberg's Archives of Pharmacology	W	3.1
	Dr. Muhammad Zaman	Associate Professor					
29	Dr. Huma Hameed	Assistant Professor	FOPS	Modulating LRP1 Pathways in Alzheimer's Disease: Mechanistic Insights and Emerging Therapies	Molecular Neurobiology	W	4.3
	Dr. Mahtab Ahmad Khan	Dean/ Professor					
30	Dr. Waqas Akram	Assistant Professor	FOPS	Demographic Determinants of E-Pharmacy Utilization and Perceived Barriers Among Adults in Lahore, Pakistan: A	Currents in Pharmaceutical Research	Y	0
	Dr. Ali Akhtar	Assistant Professor					
31	Dr. Salma Batool	Associate Professor	FOST	A Comprehensive Review on Plant-based Fluorophores and their Diverse Applications	Mini-Reviews in Organic Chemistry	W	2.3
32	Dr. Salma Batool	Associate Professor	FOST	Pisum sativum L. Peel Extract Based Biogenic Silver Nanoparticles as Antibiotic Adjuvants to Reverse Multidrug Resistance in Bacteria	Current Pharmaceutical Biotechnology	W	2.6
33	Dr. Salma Batool	Associate Professor	FOST	Natural Products, Synthesis, and Biological Activities of Quinolines (2020-2024)	Mini-Reviews in Medicinal Chemistry	W	3.3
34	Dr. Babar Hussain	Associate Professor	FOST	Genome-Wide Characterization Highlights Key Roles for Bread Wheat MLO Genes in Powdery Mildew and Abiotic Stresses	Rice	W	5
35	Dr. Zain Ul Abadin Zafar	Associate Professor	FOST	Numerical analysis of the SEIR epidemic model with fractional order	Computational Methods for Differential Equations	X	1.3
36	Dr. Sumera Zaib	Professor	FOST	Discovery of isatin-thiazole conjugates as potent urease inhibitors; synthesis, biochemical screening and computational studies	Future Medicinal Chemistry	W	3.4
37	Dr. Madiha Khan	Associate Professor	FOST	Smart Nanofibers in Wound Healing: Exploring Novel Combinations and Applications	Current Drug Delivery	W	3
38	Dr. Muhammad Akhtar	Assistant Professor	FOST	Development and Sensorial Acceptability of Nutrient Dense Date and Seed Balls Incorporated with Citrus Peel Powder	ACADEMIA International Journal for Social Sciences (AIJSS)	Y	0
39	Dr. Muhammad Akhtar	Assistant Professor	FOST	The Effect of Probiotic Supplementation on Gut Microbiota Composition and Digestive Health in Healthy Adults	Frontier in Medical and Health Research	Y	0
40	Dr. Muhammad Akhtar	Assistant Professor	FOST	Sustaining Meat Quality and Shelf-life: Comparative Review of Packaging Techniques and Their Nutritional Implications	Indus Journal of Bioscience Research (IJBR)	Y	0
41	Dr. Muhammad Akhtar	Assistant Professor	FOST	Valorization of Pomegranate and Banana By-products into Value-added Products: Influence on Physicochemical, Rheological, and Consumer Attributes	Indus Journal of Bioscience Research (IJBR)	Y	0
42	Dr. Muhammad Akhtar	Assistant Professor	FOST	Synergistic Effect of Citric Acid and Ascorbic Acid in Antimicrobial Packaging Films for Extending the Shelf Life of Fresh Produce	Indus Journal of Bioscience Research (IJBR)	Y	0
43	Dr. Muhammad Akhtar	Assistant Professor	FOST	Sustainable Packaging Strategies and Temperature Influence on the Shelf Stability of Chicken Barfi	Indus Journal of Bioscience Research (IJBR)	Y	0
44	Dr. Muhammad Akhtar	Assistant Professor	FOST	Carrot Pomace Jam: A Sustainable Approach to Waste Utilization and Sensory Preferences	Physical Education, Health and Social Sciences	Y	0
45	Dr. Muhammad Akhtar	Assistant Professor	FOST	Development and Sensorial Acceptability of Sustainable and Nutrient-Dense Date Juice	Physical Education, Health and Social Sciences	Y	0
46	Dr. Muhammad Perviaz	Associate Professor	FOST	Fe(III)-Salicylhydroxamic acid complex as a potential therapeutic agent: Synthesis, Kinetic evaluation, and molecular targeting in hepatocellular carcinoma	Chemical Physics Impact	X	4.3
47	Dr. Sumera Zaib	Professor	FOST	GC-MS metabolite profiling and multi-target Docking analysis of Calotropis procera and Euphorbia tirucalli stem extracts for cytotoxicity and antioxidant activity	Scientific Reports	W	3.9
48	Dr. Muhammad Naveed	Professor	FOST	Biosynthesis and Biological Assessment of TiO ₂ Nanoparticles from Pittosporum Tobira for Antioxidant, Anti-Inflammatory, Anti-Hemolytic Potential, and Polychlorinated Biphenyls Degradation	Water, Air, & Soil Pollution	W	3
49	Dr. Muhammad Naveed	Professor	FOST	Molecular identification of the blaOXA gene in Bacillus cereus and AI-driven optimization of natural phytochemicals for foodborne illness treatment	Antonie van Leeuwenhoek	W	1.8
50	Dr. Muhammad Naveed	Professor	FOST	Molecular characterization and green synthesis of iron oxide nanoparticles from Bacillus amyloliquefaciens for efficient degradation of textile dyes	AATCC Journal of Research	W	1.2

51	Dr. Muhammad Naveed	Professor	FOST	Metabolite characterization of probiotic <i>Enterococcus Faecium</i> for targeting <i>Salmonella</i> Enterica gut bacteria causing gastroenteritis	Antonie van Leeuwenhoek	W	1.8
52	Dr. Muhammad Naveed	Professor	FOST	Mitigating copper contamination through bioremediation by <i>Cupriavidus metallidurans</i> nitrite reductase enzyme	International Journal of Environmental Science and Technology	W	3.4
53	Dr. Mohsin Gulzar Barq	Assistant Professor	FOST	Evaluation of the Antimicrobial Activity of <i>Chlorella vulgaris</i> Against MDR Bacteria Isolated from Diabetic Wound Pus Samples	Allied Medical Research Journal	Y	0
54	Dr. Hira Mubeen	Associate Professor	FOST	Molecular dynamics simulation of a novel multi-epitope vaccine design against <i>Salmonella enterica</i> paratyphi A	Irish Journal of Medical Science (1971 -)	W	1.6
	Dr. Asma Zafar	Associate Professor					
55	Dr. Barkat Ali	Professor	FOL	Contesting Multiple Constituencies Election in Pakistan: Constitutional Ensuing Unconstitutional	Law Research Journal(LRJ)	Y	0
	Muhammad Aamer Kamran	Assistant Professor					
56	Muhammad Aamer Kamran	Assistant Professor	FOL	Capital Punishment: Legal and Religious Perspectives by	Dialogue Social Science Review (DSSR)	Y	0
	Dr. Barkat Ali	Professor					

Interdisciplinary Research Group Meeting

ORIC Interdisciplinary Research Group Meeting | January 23, 2026

UCP ORIC Interdisciplinary Research Group Meeting focused on exploring the future of intelligent vision-based robotics and sustainable technologies. Dr. Sadaf Zeeshan, presented an interdisciplinary research project on intelligent vision-based robotic systems for efficient and sustainable harvesting, followed by an engaging discussion with faculty members and students. The session concluded with closing remarks by Prof. Dr. Muhammad Akhyar Farrukh, who emphasized the importance of interdisciplinary research and collaboration at UCP. The meeting proved to be highly productive, offering valuable insights into potential avenues for future interdepartmental research collaborations.



UCP Research Journals

Publication Events:

New Issue Published: 23/12/2025
 UCP Journal of Sciences & Technology
 UCP-JST
 HEC Recognized Y Category
 ISSN
 3005-5571 (Online)
 3005-5563 (Print)
 Vol. 3 Issue 1



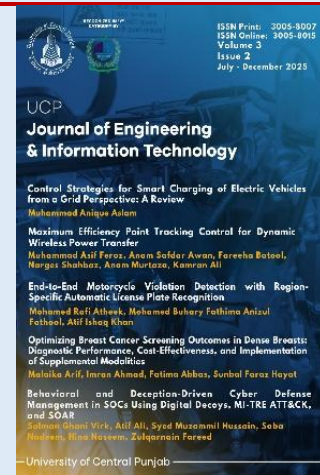
New Issue Published: 05/01/2026
 UCP Journal of Languages & Literature
 UCP-JLL
 HEC Recognized Y Category
 ISSN
 3005-6594 (Online)
 3005-6586 (Print)
 Vol. 3 Issue 2



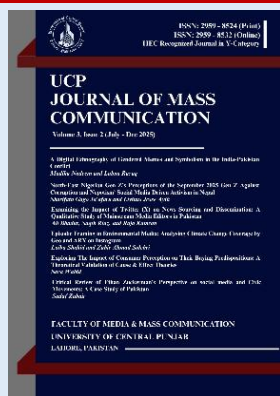
New Issue Published: 24/12/2025
 UCP Journal of Humanities and Social Sciences
 UCP-JHSS
 HEC Recognized Y Category
 ISSN
 2958-6895 (Online)
 2958-6887 (Print)
 Vol. 4 Issue 1



New Issue Published:
 09/01/2026
 UCP Journal of Engineering & Information Technology
 UCP-JEIT
 HEC Recognized Y Category
 ISSN
 3005-8007 (Print)
 3005-8015 (Online)
 Vol. 3 Issue 2



New Issue Published: 31/12/2025
 UCP Journal of Mass Communication
 UCP-JMC
 HEC Recognized Y Category
 ISSN
 2959-8524 (Print)
 2959-8532 (Online)
 Vol. 3 Issue 2



New Issue Published:
 23/02/2026
 UCP Journal of Business Perspectives
 UCP-JBP
 HEC Recognized Y Category
 ISSN
 3005-8961 (Print)
 3005-897X (Online)
 Vol. 3 Issue 2



Call for Proposals Circulated through ORIC

Sr #	Funding Agency / Title	Funding Program	Funding Amount / Benefits	Deadline	Link / Contact
1	Structural Transformation and Economic Growth (STEG)	STEG Small Research Grants (Worldwide & LMIC Economics)	Offers international collaboration opportunities, capacity building, and policy engagement support to enhance research impact and visibility.	January 6, 2026	https://www.scientifyresearch.org/g rant/steg-small-research-grants-lmic-economics/
2	Horizon Europe	Horizon Europe (ERC Consolidator Grants 2026)	Enable researchers to strengthen their independent research teams while enhancing international recognition and career advancement.	January 13, 2026	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/ERC-2026-COG
3	7th International Conference on Robotics and Automation in Industry (NUST)	Papers for ICRAI 2026	This prestigious international conference provides an excellent platform for researchers, academicians, and industry professionals to present innovative research and engage in meaningful academic exchange in the fields of robotics, automation, and emerging technologies.	27-Apr-26	https://dmsnust.com/icrai/
4	Data Space for Manufacturing (DIGITAL EUROPE)	DIGITAL EUROPE Programme	€ 9,000,000	03-Mar-26	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/DIGITAL-2026-DSM-AI-09-DS-MANUFACTUR-STEP
5	Wellcome Trust Early-Career Awards	Early-Career / Genomics in Context Awards	Up to £500,000 per award	16-Mar-26	https://wellcome.org/research-funding/schemes/genomics-in-context-awards

6	Swedish Research Funding Initiative	Knowledge Syntheses for Climate Transformation (Kunskapsöversikter för klimatomställning)	4 Million SEK; 2-year grant supporting knowledge syntheses on climate transformation; focuses on policy-relevant, interdisciplinary climate research	17-Feb-26	https://www.scientifyresearch.org/grant/klimatomställning-knowledge-syntheses-climate-sweden/
7	Structural Transformation and Economic Growth (STEG)	STEG Larger Research Grants (Worldwide & LMIC Economics)	Supports high-quality, policy-relevant economics research focused on Low- & Middle-Income Countries (LMICs); promotes evidence-based development and structural transformation	02-Feb-26	https://www.scientifyresearch.org/grant/steg-larger-research-grants-lmic-economics/
8	Pakistan Science Foundation (PSF)	Industrial Solution Grants for Young Scientists	Up to PKR 3 Million per project (max. 2 years); supports applied, industry-driven research with mandatory industry Co-PI/Collaborator; encourages MS/MPhil & PhD student involvement; projects with matching/partial industry funding given priority	31-Mar-26	PSF RGMS Portal: www.psf.gov.pk
9	ICGEB in collaboration with COMSTECH	ICGEB-OIC-COMSTECH Collaborative Research Programme (CRP) 2026	Up to €9,000; 1-year funding; exclusive for women researchers under 45. Focus areas: Basic Science, Human Healthcare, Industrial & Agricultural Biotechnology, Bioenergy & Food Security.	April 30, 2026 (23:59 CET)	Submit via ICGEB Service Gateway ORIC / ICGEB Contact: crp@icgeb.org
10	Environment Protection and Climate Change Department	CM Punjab Climate Leadership Development Internship Program 2026	60,000 PKR per month stipend and official internship certificate.	29-Mar-26	https://epd.punjab.gov.pk/index.php/Climateinternship
11	Youth4Climate	Youth4Climate: Call for Solutions 2026	Up to \$30,000 USD in seed funding per project.	30-Apr-26	https://community.youth4climate.info/dashboard/call-solutions-2026-0
12	World Startup Championship (WSC)	SEE Pakistan 2026	Winning prize up to \$10,000 USD and global networking opportunities.	01-Jun-26	https://seepakistan.com.pk/world-startup-championship-2026/apply-now/
13	OIC-COMSTECH/IUT	Strategic Science Communication Training (Bangladesh)	Enhanced communication skills and professional networking across OIC Member States.	15–16 April 2026 (Event Dates)	https://docs.google.com/forms/d/e/1FAIpQLSf05jObtw51E-90poqRF9hdjVoHzVcQ6QREhv57Hvppo8rN0g/viewform?usp=send_form
14	Biostime Institute for Nutrition and Care (BINC)	BINC Grant Program	Up to €50,000 for preclinical and up to €100,000 for clinical research.	15-Mar-26	https://www.biostime-institute.com/research-funding/call-for-grants
15	CON VALORES Hub	Free Expert-Led Grant Writing Bootcamp	Free online training on grant writing, donor mapping, and project design.	March 25–27, 2026	https://docs.google.com/forms/u/0/d/e/1FAIpQLSe_O4pG6WNtFeuLdEOO0VpFq_avfsBuLDiChANmr_VOffFgg/closedform
16	European Commission (EC)	Promoting Freedom of Expression and Media Freedom in Pakistan	Total budget of €1,959,782 for projects in Pakistan.	21-Apr-26	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/prospect-details/186121PROSPECTSEN

Projects Submission for Grants

Grant / Award	Title	Faculty Member(s)	Faculty	Status	Date
ERASMUS-LSPSF	LeadLeather (ERASMUS-EDU-2026-CBHE)	Dr. Irfan Siddique	FOMS	Submitted	10 February, 2026
Space & Upper Atmosphere Research Commission (SUPARCO)	Additive Manufacturing and Electroplating of Waveguides for Next Generation RF Hardware	Dr. Muhammad Kamran Saleem	FoE	Submitted	

Awards/ Grants Applications

02nd Call for Product Development Funds – ORIC, UCP

The Office of Research, Innovation and Commercialization (ORIC) at the University of Central Punjab announced the **2nd Call for Product Development Funds**, inviting joint Faculty–Industry R&D proposals focused on product development and commercialization. The program offers **seed funding**, requires **industry cost-sharing**, and encourages **market-ready solutions** addressing real-world challenges. The **submission deadline was 12 March 2026**. Previously supported projects include the development of an **Effluent Treatment Plant (ETP)** and **Aflatoxin Removal Technology**, demonstrating the initiative’s impact on industry-oriented research.

Product Development Funds: Empowering Faculty-Industry Partnerships
(Turning Research into Real-World Impact)

The Office of Research, Innovation & Commercialization (ORIC) at University of Central Punjab invites faculty and industry partners to collaborate on Joint Research & Development (R&D) Projects aimed at solving industrial challenges and creating products with commercialization potential.

Why It Matters

- Bridge the gap between industry needs & academic expertise.
- Secure seed funding from ORIC to support product development & commercialization.
- Work on projects with direct societal and economic impact.

Eligibility

- Open to faculty members having an active collaboration with industry.
- Industry must also provide financial contribution to the project.
- Projects should have clear commercialization or applied research outcomes.

Successful Examples

- Installation of Effluent Treatment Plant (ETP) for wastewater management.
- Removal of Aflatoxins from rice to enable international export.

How to Apply

1. Prepare a joint proposal with your industry partner.
2. Submit the proposal through the ORIC office using the prescribed proforma.

Why Apply?

- Access seed funding to accelerate your research.
- Strengthen industry linkages & collaborative networks.
- Contribute to innovation, commercialization, and national development.

For More Information & Submission:
Office of Research, Innovation & Commercialization (ORIC), Takhliq Building
University of Central Punjab, Lahore
Email: oric@ucp.edu.pk | Contact: 042-3588007 Ext: 379

2nd Call for Internal Research Grant Program (IRGP) Awards 2026

The University of Central Punjab has announced the **2nd Call for the Internal Research Grant Program (IRGP) 2026**, inviting applications from **PhD faculty members** to support innovative research initiatives. The program aims to promote **high-quality and cross-disciplinary research** within the university. Priority will be given to proposals demonstrating **commercialization potential, industry collaboration, and meaningful societal impact**, encouraging faculty to develop research projects that contribute to innovation and practical problem-solving.

Call for Applications – Internal Research Grant Program (IRGP) for UCP Faculty

Program Objectives:

- Provide seed funding (up to PKR 1 million) for innovative, cross-disciplinary projects with commercialization potential.
- Support faculty through a Research Assistant/Associate fellowship in priority research areas for one year.

Key Instructions for Applicants:

- Only PhD faculty members are eligible to apply.
- Each project must result in at least one impact factor publication and submission of one external research grant.
- Submission of an industry support letter is mandatory.
- Project duration: Maximum 12 months.
- Proposals must be submitted on the official IRGP template with CV, budget justification, and required documents.
- Cross-disciplinary and interdepartmental collaborations are strongly encouraged.
- Projects must be applied or cross-disciplinary in nature.

Deadline for Submission: March 10, 2026
Submission Email: oric@ucp.edu.pk

For detailed guidelines and templates, please contact the Office of Research, Innovation & Commercialization (ORIC).

We strongly encourage our faculty members to take the opportunity to conduct impactful, innovative, and commercially viable research.

02nd Call for ORIC FYP Student-Led Research & Innovation Fund Awards 2026

ORIC at the University of Central Punjab has announced the **2nd Call for the FYP Student-Led Research & Innovation Fund 2026** to support innovative final year projects. The program offers **funding of up to PKR 50,000 per project** and encourages **interfaculty FYPs and applied research**. Eligible applicants include **undergraduate students from the 6th semester onwards**, forming a **minimum three-member interdisciplinary team**. Applications must be submitted **through the Dean’s nomination using the prescribed form**. Selected projects will be showcased at the **Annual UCP Innovation Expo**.

FYP: STUDENT-LED RESEARCH & INNOVATION
Empowering Undergraduates to Explore, Innovate & Impact

What's in it for You?

- Interfaculty Final Year Project Collaborations
- Funding up to PKR 50,000/- per project
- Annual UCP Innovation Expo to showcase ideas
- Student Societies & Leadership Roles

Application Deadline: March 24, 2026

- Apply on proposal form

Who Can Apply?

- UCP undergraduate students from 6th semester
- Minimum 3 students (interdisciplinary is mandatory)

Why Apply?

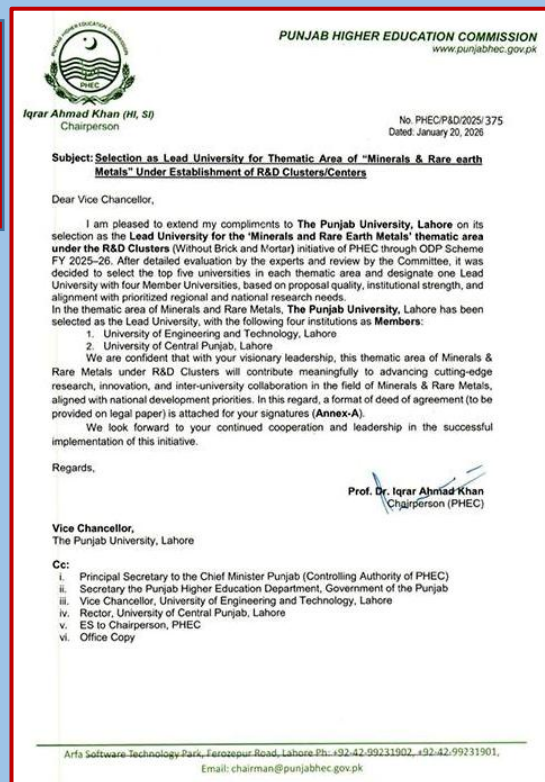
- Research & Innovation experience
- Solve real-world problems
- Funding, recognition & networking opportunities
- Build your portfolio for career, startups, or postgraduate study

Office of Research, Innovation & Commercialization (ORIC)
University of Central Punjab, Lahore
T: 042-3588007 Ext: 343, 379

Projects Funded by PHEC

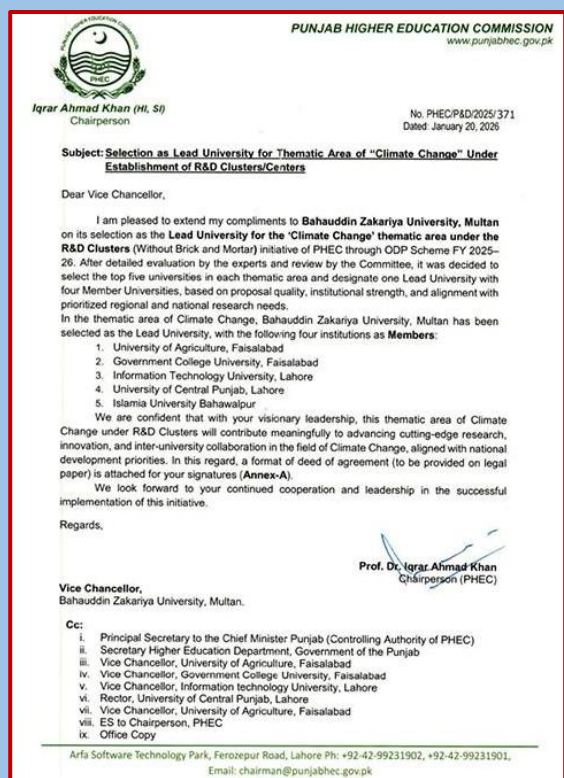
UCP Selected for PHEC R&D Cluster on Minerals & Rare Earth Metals | 20 January 2026

The University of Central Punjab has been selected as a key partner in the **R&D Cluster on Minerals and Rare Earth Metals**, a flagship initiative of the **Punjab Higher Education Commission**. The cluster also includes the University of the Punjab and University of Engineering and Technology, Lahore. **Prof. Dr. Muhammad Akhyar Farrukh** will represent UCP as **Principal Investigator (PI)**. The initiative focuses on **high-impact research, sustainable utilization, value addition, and inter-university collaboration** on minerals and rare earth metals.



UCP Selected for PHEC R&D Cluster on Climate Change | 20 January 2026

The University of Central Punjab has been selected as a key member of the **Climate Change Research & Development Cluster** initiated by the **Punjab Higher Education Commission**. This prestigious inclusion reflects UCP's growing commitment to addressing environmental challenges through impactful research and innovation. **Prof. Dr. Muhammad Akhyar Farrukh**, Head of the Department of Basic & Applied Chemistry, will serve as **Principal Investigator**, leading efforts in collaborative research, knowledge sharing, and interdisciplinary innovation. The initiative aims to promote sustainable development, strengthen institutional partnerships, and contribute to practical solutions for climate resilience across the region.



Projects Funded by NRPUR

UCP Secures the HEC NRPUR Research Grant for Nanotechnology Innovation | 26 March 2026

The University of Central Punjab (UCP), Lahore, has received a research grant of **Rs. 6.677 million** from the Higher Education Commission of Pakistan under the **National Research Program for Universities (NRPUR)**.

The grant supports a project titled **“Development and Preclinical Evaluation of Phytochemical Loaded Nanocarrier Systems for Enhanced Wound Healing and Antimicrobial Resistance Mitigation.”**

The project is led by **Dr. Madiha Khan**, Associate Professor at FOST, UCP, who will serve as the **Principal Investigator**. The research focuses on developing nanocarrier systems to deliver natural phytochemicals, aiming to improve wound healing and address the growing challenge of antimicrobial resistance.

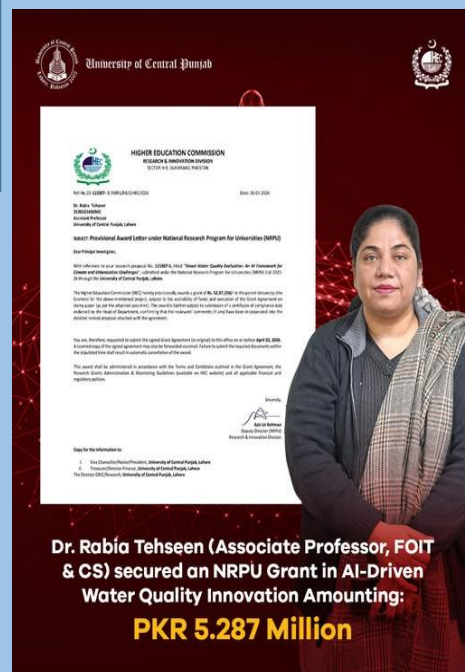


Dr. Madiha Khan (Associate Professor, FOST) secured an NRPUR Research Grant for Nanotechnology Innovation Amounting: PKR 6.667 Million

UCP Secures the HEC NRPUR Research Grant for AI Driven Water Quality Innovation | 26 March 2026

The University of Central Punjab (UCP), Lahore, has received a research grant of **Rs. 5.287 million** from the Higher Education Commission (HEC) of Pakistan under the National Research Program for Universities (NRPUR). The grant supports a project titled **"Smart Water Quality Evaluation: An AI Framework for Climate and Urbanization Challenges"**.

The project is led by **Dr. Rabia Tehseen**, Assistant Professor at UCP, who will serve as the **Principal Investigator**. The research focuses on developing an artificial intelligence framework to evaluate water quality, aiming to address the critical challenges posed by climate change and rapid urbanization.



Dr. Rabia Tehseen (Associate Professor, FOIT & CS) secured an NRPUR Grant in AI-Driven Water Quality Innovation Amounting: PKR 5.287 Million

Internal Research Grant Program (IRGP)

Internal Research Grant Program (IRGP)

Project Title
Development & Commercial Translation of High Demand Nutraceutical Products for Preventive Healthcare in Pakistan

Amount
PKR 11,42,000/-



Principal Investigator
Dr. Huma Hameed
 Associate Professor
 Faculty of Pharmaceutical Sciences



Co-Principal Investigator
Prof. Dr. Muhammad Akhyar Farrukh
 Professor
 Head of Department
 Basic & Applied Chemistry-FOST

Project Description: The global healthcare paradigm is rapidly shifting toward preventive healthcare and nutraceutical supplementation. Pakistan’s nutraceutical market is growing significantly; however, reliance on imported supplements, high pricing, and limited university-led commercialization initiatives remain major gaps.

This project aims to develop, validate, and commercialize high-demand nutraceutical products including following:

Biotin & Collagen Tablets, Glutathione Tablets, Multivitamins Tablets for Women, Multivitamins Tablets for Men and Magnesium Glycinate Tablets

The project integrates formulation of products with enhanced bioavailability, toll manufacturing, regulatory compliance, commercial modeling, and market validation to establish a scalable nutraceutical product portfolio developed within academia and translated into commercial impact.

Internal Research Grant Program (IRGP)

Project Title
A Deep Learning-Based Satellite Remote Sensing Framework for Intelligent Crop Health Monitoring and Stress Detection

Amount
PKR 6,75,000/-



Principal Investigator
Dr. Muhammad Umair
 Associate Professor
 Department of Computer Science (FOIT&CS)



Co-Principal Investigator
Dr. Muhammad Kamran Saleem
 Associate Professor
 Electrical Engineering (FOE)

Project Description: This is an applied research project aimed at developing and validating a deep learning-based spatiotemporal fusion framework, with a strong interdisciplinary focus bridging Computer Science and Agriculture through modern artificial intelligence. The project addresses the real-world challenge of food security by combining deep learning architectures, specifically Convolutional Neural Networks (CNNs) and Transformer-based models, with a full-stack MERN web application to process and visualize complex geospatial data. On the agricultural side, the project applies satellite remote sensing and Normalized Difference Vegetation Index (NDVI) analysis to monitor crop health, support irrigation scheduling decisions, and detect localized stressors such as drought.

The project is planned on 12 months duration (approximately 52 weeks). The work is structured into eight sequential phases as detailed in the timeline below.

Internal Research Grant Program (IRGP)

Project Title
Classroom Power Management System (CPMS)

Amount
PKR 6,00,000/-

Principal Investigator
Jalil Asghar Mirza
Assistant Professor
Faculty of Engineering

Co-Principal Investigator
Yasir Amir Awan
Director Innovation
Takhleeq

Project Description: University of Central Punjab’s Energy-Efficient Smart Campus initiative is not just a sustainability project, it's a high impact investment with measurable returns. By implementing IoT-enabled classroom power management systems, intelligent parking, automated lighting, advanced HVAC controls, and renewable energy solutions, we can cut energy costs by up to 30%, optimize campus operations, and align with global green standards. This initiative strengthens our reputation, attracts eco-conscious students, and opens doors to government incentives and grants. For investors, it offers a strong ROI through reduced utility expenses and long-term operational savings. This is not an expense, it's a strategic move that future-proofs our campus, enhances efficiency, and positions us as a leader in smart, sustainable education.

Product Development Fund (PDF)

Product Development Fund (PDF)

Development of an Intranasal **Sol-Gel** for Natural Stress Relief & Mental Calmness

Amount
PKR 50,000/-

Principal Investigator
Dr. Huma Hameed
Associate Professor
Faculty of Pharmaceuticals Sciences


Co-Principal Investigator
Dr. Mahtab Ahmad Khan
Dean/Professor
Faculty of Pharmaceuticals Sciences

Project Description: This project addresses a critical gap in the "nutra calm" market by moving away from conventional oral supplements, which frequently suffer from poor bioavailability and a delayed onset of action. By utilizing an intranasal delivery system, the research team aims to provide a fast acting, non sedative alternative that offers convenient self administration and partial nose to brain transport.

The primary objective is to develop and commercialize a natural, thermo responsive intranasal gel enriched with GRAS status actives. This initiative includes rigorous scientific characterization, antioxidant evaluation, and prototype development to ensure a high quality, evidence-based product. Through strong industry alignment, this research seeks to capture a high value market segment and provide a locally developed solution for mental wellness in Pakistan.

Funding Agency:

1. UCP
2. Genetics Pharmaceuticals Pvt Ltd. Lahore-Pakistan






 Office of
**Research, Innovation
 & Commercialization**

Product Development Fund (PDF)

Development of **Zinc-Selenium-Silica Oxide Nanocomposite** and to Evaluate Their Application as Medicinal Plant Growth Promoter in Hydroponic System

Amount
PKR 49,900/-

Principal Investigator
Dr. Muhammad Riaz
 Associate Professor
 Faculty of Science & Technology



Project Description: This project addresses a critical gap by moving away from imported chemicals toward the local synthesis and formulation of micronutrient nanocomposites. By collaborating with the university, the industry partner aims to develop Selenium, Zinc, and Silica oxide nanocomposites specifically designed to increase the nutraceutical potential of medicinal plants, such as Tulsi (*Ocimum tenuiflorum*), grown in hydroponic systems.

The primary objective is to synthesize and characterize these nanocomposites using an eco friendly green synthesis method. This initiative includes evaluating the effects on plant growth and yield, as well as analyzing the enhancement of phytochemical compounds like antioxidants and phenolics. Through this strong industry alignment, the research seeks to reduce import dependency and provide a high quality, locally developed solution for the agricultural sector in Pakistan.

Funding Agency:

1. UCP
2. AMZ Agro Division Lahore-Pakistan.





 Office of
**Research, Innovation
 & Commercialization**

Product Development Fund (PDF)

Development an **Efficient Smog Buster Paint** for Extensive Climate Change

Amount
PKR 32,500/-

Principal Investigator
Dr. Muhammad Perviaz
 Associate Professor
 Faculty of Science & Technology



Co-Principal Investigator
Dr. Saba Kabir
 Assistant Professor
 Faculty of Science & Technology




This project bridges the gap between laboratory research and environmental protection by introducing a modern, technology-based coating designed to neutralize toxic gases. By shifting toward advanced photocatalytic and chemical neutralization methods, the initiative aims to provide a cost effective and eco friendly solution. The scope of this research includes the development of smog control coatings that effectively capture hazardous pollutants, offering a long-lasting treatment for urban infrastructure and public spaces.

The primary objective is to synthesize and characterize high performance metal oxide nanocomposites using carbon-based materials to ensure maximum reactivity. The methodology involves a rigorous four phase work plan, starting with the synthesis of nanoparticles and progressing to large scale feasibility tests and physical characterization using advanced analytical tools such as GC-MS, SEM, and EDX. Through this strategic R&D and commercialization framework, the project seeks to produce a certified, sustainable product that mitigates global warming and enhances air quality across polluted urban regions.

Funding Agency:

1. UCP
2. Bin Rasheed Groups, Sundar Industrial Estate Lahore

Pillar 2: Commercialization and IP

IPs Filing with Application No.					
Faculty Member Name	IP Title	UCP Faculty	Application No	Filing Date	IP Category
 Prof. Dr. Muhammad Akhyar Farrukh	Clove oil Based Zinc nano formulation as a growth promotor and antibiotic alternate for poultry feed	FOST	29/2026	30- Jan-2026	Patent

IP Examination Report (Received from IPO)						
S#	IP Title	Inventor/ Faculty Member Name	UCP Faculty	Application No	Filing Date	IP Examination Report (Receive from IPO Date)
1	Novel composition of Thermoresponsive intra-articular Injection containing Methotrexate, Folic Acid and Dexamethasone Sodium Phosphate	Dr. Muhammad Zaman	FoPS	740/2023	10-Oct-23	27/01/2026
2	Computational and Biological Assesment of Polychlorinated Biphenyls Degradation (PCBs) using Green-synthesized Silver and Iron Bimetallic Nanoparticles from Schefflera actinophylla.	Dr. M. Naveed	FOST	342/2025	02/06/2025	11/02/2026
3	Conversation of waste plastic into sustainable hydrogen fuel by photocatalytic valorization	Dr. Muhammad Pervaiz	FOST	360/2025	05/06/2025	11/02/2026
4	Production of hydrogen and its comparison with other fuel	Dr. Muhammad Pervaiz	FOST	361/2025	05/06/2025	17/02/2026
5	Composition of anti diabetic formulation to restore action of pancreatic B-cells	Dr. Hira Mubeen	FOST	188/2024	27/03/2024	16/02/2026
6	Cloud Seeding Kit for Drones	Dr. Syed Atif Mehdi	(FOIT & CS)	21644-D (2nd IPER)	28/10/2022	04/03/2026
7	Pharmaceutical Capsule Formulation and Development with a Novel Composition	Dr. Muhammad Zaman	(FOPS)	776/2022 (2nd IPER)	22/11/2022	24/03/2026

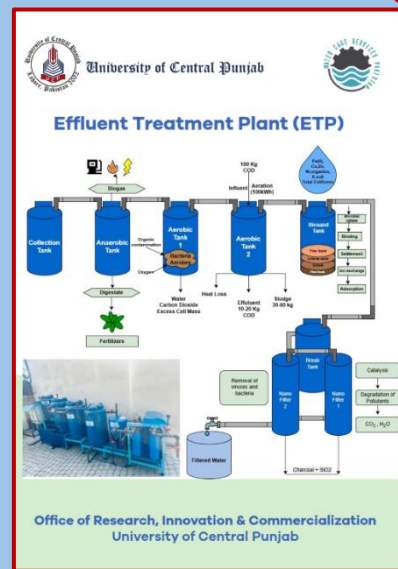
Consultancy Contracts Executed through ORIC with Industry, Commerce or Government							
SN	Title of Project	Date of Execution	Name of PI	Faculty	Company Details	Contract Value (PKR)	Project Timelines (Start and End)
1	Preparation of Diagnostic Kits and reagents used in Laboratories	19/01/2026	Dr. Sumera Zaib	FOST	Sahaab International Pvt. Ltd.	30000 Per Month	1st Jan 2026 to 30th June 2026

Pillar 3: Industry-Academia Linkages

UCP Develops Innovative Effluent Treatment Plant (ETP) for Water Recycling

The University of Central Punjab has developed an innovative Effluent Treatment Plant (ETP) to promote sustainable water recycling and resource recovery. The system is capable of treating up to 1,000 liters of wastewater per day, enabling the reuse of treated water for plantation, floor washing, flushing, and other non-potable applications. The treatment process significantly improves water quality, reducing Chemical Oxygen Demand (COD) from 450 mg/L to below 150 mg/L and Biological Oxygen Demand (BOD) from 280 mg/L to below 80 mg/L.

The plant uses an environmentally friendly microbial treatment process without harmful chemicals, making it safe and sustainable. In addition to water purification, the system produces biogas as a supplementary energy source and organic digestate that can be used as natural fertilizer. The ETP also serves as a research platform for studies in water treatment, nanotechnology, and sustainable environmental practices. This initiative highlights UCP's commitment to innovative, eco-friendly, and cost-effective solutions for environmental management.



ORIC-UCP Strengthens Innovation & Commercialization with SRC-UCP | February 17, 2026



Office of Research, Innovation and Commercialization organized a strategic meeting. Chaired by Dr. Hammad Naveed, Pro-Rector, to review commercialization progress of the Space Research Center (SRC-UCP), led by Dr. Muhammad Kamran Saleem, and the Nutraceuticals Initiative, presented by Dr. Huma Hameed. Discussions covered indigenous educational satellite kits, space camps, hardware-based training programs, participation in national and international grants, plans to establish a dedicated company, nutraceutical product development for preventive healthcare, distributor engagement, financial modeling, compliance frameworks, market competitiveness, and scale-up planning.

ORIC-UCP Showcases Nutraceuticals Commercialization Initiative | February 17, 2026



On 17 February 2026, ORIC at the University of Central Punjab hosted a presentation by Dr. Huma Hameed, Principal Investigator of UCP's Nutraceuticals Initiative. She showcased the progress and commercialization prospects of UCP's nutraceutical products, emphasizing research-industry collaboration, preventive healthcare impact, and market potential. Chaired by Dr. Hammad Naveed, the session included guidance from Prof. Dr. Muhammad Akhyar Farrukh and Mr. Yasir Amir Awan on strategy, scale-up, and competitiveness.

Memorandum of Understanding MOUs

UCP x RAI Energy Solution Pvt. Ltd.



The University of Central Punjab has signed a Memorandum of Understanding (MoU) with RAI Energy Solution Pvt. Ltd. to strengthen industry–academia collaboration. This partnership will promote joint research, knowledge exchange, internships, and practical learning opportunities for students, while supporting innovation and skill development in the rapidly evolving energy sector.

UCP x Lahore Medical & Dental College



University of Central Punjab has signed an MOU with Lahore Medical & Dental College to provide faculty and staff access to dental consultations, treatments, and oral health sessions. Under this collaboration, UCP employees can avail a 25% discount on dental consultations and treatment services, access a wide range of dental procedures at LMDC's teaching clinics under qualified supervision, and benefit from oral health awareness sessions, subject to mutual coordination.

UCP x PDH Pharmaceutical Pvt. Ltd.



Faculty of Pharmaceutical Sciences has signed a Memorandum of Understanding (MoU) with PDH Pharma, marking a significant step toward strengthening industry–academia collaboration. This partnership aims to promote knowledge exchange, practical training, and research initiatives, fostering innovation and preparing students for the evolving pharmaceutical sector.

UCP X Infinity Health Care



Department of Microbiology, Faculty of Science & Technology has signed a Memorandum of Understanding (MoU) with Infinity Health Care Lahore to strengthen academia–industry linkages and enhance professional training opportunities for students. The collaboration will focus on student internships for MLT students, collaborative research initiatives, industrial visits, and joint seminars, workshops, conferences, and other academic activities.

UCP X Staunch



Faculty of Information Technology & Computer Science has signed a Memorandum of Understanding with Staunch to strengthen industry academia collaboration. The partnership aims to bridge classroom learning with real world practice by providing students with professional mentorship, internship opportunities, industry exposure, and career pathways aligned with current market needs.

UCP X EPA Punjab



Dr. Muhammad Pervaiz represented the University of Central Punjab at a high-level briefing hosted by the Environmental Protection Agency (EPA) Punjab, held at the Green Building Headquarters, where he participated to discuss environmental control systems and green building initiatives. During the session, he presented UCP’s projects, including Smog Buster Paint, Cooling Coatings, and Waste-to-Energy, and a Memorandum of Understanding (MoU) between EPA Punjab and UCP was secured.

Industrial Linkage

ORIC-UCP Hosts German Importers Association Delegation|26 January 2026



The Office of Research, Innovation and Commercialization at University of Central Punjab hosted Dr. Michael Arretz and Mr. Sarim Mehmood for a meeting with Dr. Hammad Naveed to explore collaboration, promote sustainability initiatives, and strengthen global industry linkages. Key innovation projects and research facilities were also showcased.

ORIC-UCP Hosts Strategic PI Meeting for PHEC R&D Cluster |January 28, 2026



The Office of Research, Innovation and Commercialization at University of Central Punjab hosted a meeting of Principal Investigators of the Punjab Higher Education Commission Research and Development Cluster on Minerals and Rare Earth Metals. Led by Muhammad Akhyar Farrukh, the meeting focused on strategic planning, collaboration, and implementation of this provincial flagship initiative.

ORIC–UCP Official Visit to Lahore Chamber of Commerce & Industry (LCCI) |January 30, 2026



The Office of Research, Innovation and Commercialization at University of Central Punjab visited the Lahore Chamber of Commerce & Industry to present its commercialization initiatives and prototypes. Both sides agreed to strengthen collaboration, promote research commercialization, and jointly participate in upcoming exhibitions, startup competitions, and industry engagement activities.

ORIC–UCP Representation at WRAP Project Consortium Meeting with IWMI Pakistan | March 9, 2026



Prof. Dr. Muhammad Akhyar Farrukh represented UCP at the WRAP Project Consortium Meeting organized in collaboration with IWMI Pakistan. His participation emphasized the significance of research-driven collaboration in promoting sustainable water governance and efficient resource management in Pakistan, fostering partnerships to address critical environmental and water-related challenges.

Prof. Dr. Muhammad Akhyar Farrukh Showcases UCP’s Industry–Academia Framework at LCCI| February 10, 2026



Prof. Dr. Muhammad Akhyar Farrukh attended the inaugural meeting of the Lahore Chamber of Commerce & Industry Standing Committee on Industry–Academia Linkage. He presented UCP’s roadmap for strengthening industrial collaboration, highlighting faculty-industry placement, product development funding, and mandatory industry engagement for funded Final Year Projects, while also showcasing the ORIC UCP commercialization platform.

ORIC–UCP Representation at PHEC 4th Climate Change R&D Cluster Meeting | March 11, 2026



Prof. Dr. Muhammad Akhyar Farrukh represented UCP at the Punjab Higher Education Commission’s 4th Climate Change R&D Cluster Meeting. He presented progress on the PM2.5 air pollution monitoring project in Lahore, which investigates the causes of smog and its adverse health impacts, contributing to evidence-based environmental policy and research.

ORIC–UCP Representation at PHEC R&D Cluster Meeting on Minerals & Rare Earth Metals | March 12, 2026



Prof. Dr. Muhammad Akhyar Farrukh represented UCP at the PHEC R&D Cluster Meeting on Minerals and Rare Earth Metals. He presented progress on the “Center for Nanomaterials and Rare Metal-Based Advanced Technologies,” highlighting ongoing research initiatives and their potential contribution to technological advancement and sustainable utilization of mineral resources in Pakistan.

ORIC-UCP IWMI Collaboration Meeting on Soil Moisture Sensor Development | 26 March 2026



Office of Research, Innovation, and Commercialization’s meeting with the International Water Management Institute focused on advancing UCP’s initiative to develop an indigenous soil moisture sensor. The session featured insights on irrigation monitoring and the Chameleon sensor, with discussions on in-house development and collaborative research to support water-efficient agricultural solutions.

UCP Showcases Innovative Products at Expo Centre Lahore

ORIC–UCP Participation in Dairy Asia Expo 2026 | 13 to 15 February 2026

The University of Central Punjab participated in Dairy Asia Expo 2026, engaging with key stakeholders from the dairy and livestock sector. The event provided valuable exposure to emerging industry trends, innovative practices, and potential collaboration opportunities, strengthening academia–industry linkages and supporting future research, development, and commercialization initiatives.



Expo Events Participation

Serial No	Title	Event Start Date	Event End Date
1	Women Expo	Thursday, 8 January 2026 – 09:00	Thursday, 8 January 2026 – 09:00
2	ITCN Asia 2026	ITCN Asia 2026	ITCN Asia 2026
3	Pakistan Leather Show (PMLS)	Saturday, 24 January 2026 – 09:00	Monday, 26 January 2026 – 18:00
4	Pakistan Leather Show (PMLS)	Saturday, 24 January 2026 – 09:00	Monday, 26 January 2026 – 18:00

Pillar 4: Entrepreneurship and Startups

ORIC Hands-On Perfume & Scent Making Workshop | January 14, 2026

Conducted By:

- Industry experts from **IrfanScienceWala (Pvt.) Ltd.**
- Dr. Muhammad Riaz**, Associate Professor, FOST-UCP

Key Focus Areas:

- Perfume formulation and blending techniques
- Understanding fragrance notes and ingredients
- Product development, branding, and commercialization
- Hands-on practical training**

Key Outcomes:

- Enhanced practical and commercialization skills
- Industry-linked learning experience
- Certificates of Participation awarded**
- Promoted innovation and entrepreneurship culture at UCP



Pillar 5: Infrastructure and Core Facilities

ORIC Website Enhancement: Call for Proposals & Research Grants

ORIC has updated its Call for Proposals and Research Grant Opportunities sections to provide faculty with easy access to funding opportunities. Explore the updated pages here:

Call for Proposals: <https://oric.ucp.edu.pk/call-for-proposals/>
Research Grant Agencies: <https://oric.ucp.edu.pk/research-grant-agencies/>

ORIC Website Enhancement: Call for Proposals & Research Grants

Overview

The Office of Research, Innovation & Commercialization (ORIC), UCP has strengthened access to external research funding by updating and streamlining the Call for Proposals section on its official website.

Key Actions Taken

- ✓ Updated and activated the Call for Proposals webpage
- ✓ Uploaded multiple national & international funding opportunities (2025)
- ✓ Enabled rolling updates to ensure timely dissemination of new calls
- ✓ Centralized information on major research funding agencies

Dedicated ORIC Web Pages

- 🌐 **Call for Proposals:**
oric.ucp.edu.pk/call-for-proposals
- 🌐 **Research Grant Agencies:**
oric.ucp.edu.pk/research-grant-agencies

Impact

- ✓ Improved visibility of funding opportunities for faculty
- ✓ Facilitated timely proposal submissions
- ✓ Strengthened research planning and grant readiness
- ✓ Enhanced ORIC's role as a central research support hub

Outcome

Faculty members are now regularly informed and encouraged to explore and apply for funding opportunities aligned with their research expertise.

Outcome

Faculty members are now regularly informed and encouraged to explore and apply for funding opportunities aligned with their research expertise.

Pillar 6: Internationalization

National/International Conference at UCP

2nd International Conference on Literature, Linguistics and Language | 08-09 January 2026



The 2nd International Conference on Literature, Linguistics and Language was held on 08–09 January 2026, bringing together scholars, researchers, and students to discuss emerging trends in language and literary studies. The conference featured keynote talks, research presentations, and academic discussions promoting interdisciplinary dialogue and global collaboration among scholars and institutions.

ORIC-UCP International Seminar on Smog Pollution in Lahore | 15 January 2026



The Office of Research, Innovation and Commercialization, in collaboration with the Faculty of Science and Technology, organized a seminar titled “Smog Pollution in Lahore: Causes, Consequences, and Control” on 15 January 2026. Dr. Haider A. Khwaja delivered an insightful talk on smog research, highlighting causes, impacts, and sustainable solutions.

Capability over Compliance: Rethinking HE and Pathways to Employment for a Future of AI and Robotics | 25 Feb 2026

Event / Symposium	Organizer	Date & Time	Mode	Registration / Link
Capability over Compliance: Rethinking HE and Pathways to Employment for a Future of AI and Robotics	University of Leicester & University of Birmingham	25 Feb 2026	Hybrid (Online: 6–8 pm PKT, In-person: 8–10 pm PKT)	https://gamma.app/docs/Capability-over-Compliance-Rethinking-HE-and-Pathways-to-Employment-0u1g7mx3qan0l81



Director ORIC/Patron
Prof. Dr. Muhammad Akhyar Farrukh



Designed by and Data Contributor
Adeel Ahmad
Manager of Journal and Conferences



Data Contributor
Nagina Rafiq
Research Associate - Innovation and Communication



Data Contributor
Dr. Faiza Anum
Research Associate - FIPP & IAL

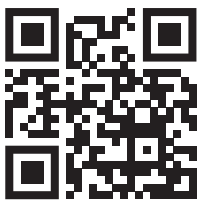


Data Contributor
Faiza Qayyum Khan
Research Associate - Research



Data Contributor
Malik Abdul Rahim
Research Associate- Commercialization & Consulting

Follow Us



Website



LinkedIn



Facebook



Instagram

Office of Research, Innovation & Commercialization

1 - Khayaban-e-Jinnah Road, Johar Town, Lahore.
Phone: +92-42-35880007 | Email: oric@ucp.edu.pk | URL: www.ucp.edu.pk